

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kazuhiro KIKUCHI, et al.

SERIAL NO: New U.S. Application

FILED: Herewith

FOR: CULTURE MEDIUM FOR IN VITRO CULTURE OF IN VITRO-PRODUCED PORCINE EMBRYO AND  
METHOD FOR IN VITRO PRODUCTION OF PORCINE EMBRYO USING THE CULTURE MEDIUM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449 were mentioned in Parent Application Serial No. 10/061,321 filed February 4, 2002.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAJER & NEUSTADT, P.C.



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Daniel J. Pereira, Ph.D.

Registration No. 45,518

Docket No. 249426US0DIV

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249426US0DIV		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kazuhiro KIKUCHI, et al.			
				FILING DATE Herewith		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,213,979	5/93	FIRST, et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                      NO		
	AO	0 345 082	6/1989	EUROPE			
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	R. MARCHAL, et al. "Developmental Competence of Prepubertal and Adult Swine Oocytes: Birth of Piglets from In Vitro-Produced Blastocysts", AN INTERNATIONAL JOURNAL OF ANIMAL REPRODUCTION - PROCEEDINGS OF THE ANNUAL CONVERENCE INTERNATIONAL EMBRYO TRANSFER SOCIETY MAASTRICHT, Vol. 53, No. 1, January 1, 2000, pg. 361					
	AX	M. Mattioli, et al., "Developmental Competence of Pig Oocytes Matured and Fertilizer In Vitro", THERIOGENOLOGY, Vol. 31, No. 6, June 1989, pgs. 1201-1207					
	AY	R.M. Petters, et al., "Addition of Taurine or Hypotaurine to Culture Medium Improves Development of One-and Two-Cell Pig Embryos In Vitro", THERIOGENOLOGY, Vol. 35, No. 1, January 1991, pg. 253					
	AZ	Kazuhiro KIKUCHI, et al., "Developmental Competence, After Transfer to Recipients, of Porcine Oocytes Matured, Fertilized, and Cultured In Vitro", BIOLOGY OF REPRODUCTION, 60, 1999, pgs. 336-340				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner							
		Date Considered					
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

249426US0DIV

SERIAL NO.

New U.S. Application

## LIST OF REFERENCES CITED BY APPLICANT

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Kazuhiro KIKUCHI, et al.

FILING DATE

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GROUP

## U.S. PATENT DOCUMENTS

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	AA						
	AB						
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	AE						
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	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	R.M. Petters, et al., "Culture of Pig Embryos", JOURNAL OF REPRODUCTION AND FERTILITY SUPPLEMENT, 48, 1993, pp.61-73
	AX	Gandhi, et al., Molecular Reproduction and Development, 2001. Vol. 58, No. 3, pages 269-275.
	AY	Barnes, et al. Human Reproduction, 1995, Vol. 10, No. 12, pages 3243-3247
	AZ	Gardner D. Theriogenology, 1008, 49:83-102

☐ Additional References sheet(s) attached

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